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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		AT DOCKET NUMBER 5138
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>09/581565</b>
INTERNATIONAL APPLICATION NO. PCT/DE98/03300	INTERNATIONAL FILING DATE 03.11.98	PRIORITY DATE CLAIMED 18.12.97 06.05.98
TITLE OF INVENTION PIEZOELECTRIC TRANSMITTER		
APPLICANT(S) FOR DO/EO/US Thomas HAHN, Hans-Joachim WELSCH, Martin STAUT		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li><input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (executed)</li> <li><input type="checkbox"/> A translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
Items 11. to 16. below concern document(s) or information included:		
<ol style="list-style-type: none"> <li><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input checked="" type="checkbox"/> Other items or information:</li> </ol>		
<p>Verified English Translation of PCT International Preliminary Examination Report dated November 2, 1999</p>		

U.S. APPLICATION NO. (if known) 37 CFR 1.51

INTERNATIONAL APPLICATION NO.

09/581565

/DE98/03300

ATTORNEY'S DOCKET NUMBER

5138

17.  The following fees are submitted:

## BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Search Report has been prepared by the EPO or JPO ..... \$840.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) \$670.00

No international preliminary examination fee paid to USPTO (37 CFR 1.482) \$690.00  
but international search fee paid to USPTO (37 CFR 1.445(a)(2)) .....Neither international preliminary examination fee (37 CFR 1.482) nor  
international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$970.00International preliminary examination fee paid to USPTO (37 CFR 1.482)  
and all claims satisfied provisions of PCT Article 33(2)-(4) ..... \$ 96.00

## CALCULATIONS PTO USE ONLY

## ENTER APPROPRIATE BASIC FEE AMOUNT =

\$ 840.00

Surcharge of \$130.00 for furnishing the oath or declaration later than  20  30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	10 - 20 =		x \$ 18.00	\$ 0.00
Independent claims	1 - 3 =		x \$ 78.00	\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			\$260.00	\$ 260.00

## TOTAL OF ABOVE CALCULATIONS = \$ 1100.00

Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28). + \$ 0.00

## SUBTOTAL = \$ 1100.00

Processing fee of \$130.00 for furnishing the English translation later than  20  30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$ 0.00

## TOTAL NATIONAL FEE = \$ 1100.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ 0.00

## TOTAL FEES ENCLOSED = \$ 1100.00

Amount to be refunded: \$

charged: \$

a.  A check in the amount of \$ 1100.00 to cover the above fees is enclosed.b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-3690. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

BREINER & BREINER  
 115 N. Henry Street  
 P.O. Box 19290  
 Alexandria, VA 22320-0290  
 703-684-6885

  
 SIGNATURE

 Mary J. Breiner  
 NAME

 33,161  
 REGISTRATION NUMBER

Date: June 15, 2000

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CERTIFICATION

I, the undersigned, am a professional translator, fully competent to translate from German into English, and I declare hereby that the attached English rendition of International Application PCT/DE 98/03300 entitled

PIEZOELECTRIC TRANSMITTER

is a genuine translation, accurate in every particular, to the best of my ability and knowledge; of the German text, also attached.

Michaela Nierhaus  
Name: Michaela Nierhaus  
Address: Brabantstr. 15  
80805 Munich  
Germany

Date: March 4 2000

1581565

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CERTIFICATION

I, the undersigned, am a professional translator, fully competent to translate from German into English, and I declare hereby that the attached English rendition of the PCT International Preliminary Examination Report dated November 2, 1999, as issued an International Application PCT/DE 98/03300 is a genuine translation, accurate in every particular, to the best of my ability and knowledge.

Michaela Niehaus  
Name: Michaela Niehaus  
Address: Brebantenstr. 15  
80805 Munich  
Germany

Date: March 4, 2000

*patent application serial no.*

***Department of Commerce  
Patent and Trademark Office  
fee record***

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06/21/2000 MCLAYBRO 00000074 09581565

01 FC:970	840.00 OP
02 FC:968	260.00 OP